

Cable Matters 201045-3

Cable Matters 20Gbps USB-C to USB-C Cable Instruction Manual

Model: 201045-3

INTRODUCTION

This manual provides instructions for the Cable Matters 20Gbps USB-C to USB-C cable. This cable is designed to support high-speed data transfer, high-resolution video output, and power delivery for a wide range of USB-C compatible devices. Please read this manual carefully to ensure proper usage and optimal performance.

PRODUCT FEATURES

- **Data Transfer:** Supports USB 3.2 Gen 2x2 with data transfer speeds up to 20Gbps.
- **Video Output:** Provides video resolution support up to 8K@30Hz or 4K@120Hz.
- **Power Delivery:** Delivers up to 240W of power for charging compatible devices.
- **Compatibility:** Fully compatible with USB-C, Thunderbolt 3, Thunderbolt 4, and Thunderbolt 5 devices.
- **Construction:** Features molded strain relief, a flexible PVC cable jacket, and bare copper conductors for durability.



Image: The Cable Matters 20Gbps USB-C to USB-C cable, featuring two USB-C connectors.

SETUP

Connecting the Cable Matters USB-C cable is a straightforward process. Ensure your devices have compatible USB-C ports that support the desired functions (data, video, power).

1. **Identify Ports:** Locate the USB-C ports on your source device (e.g., laptop, tablet) and target device (e.g., monitor, external hard drive, power adapter).
2. **Connect Cable:** Insert one end of the USB-C cable into the USB-C port of your source device.
3. **Complete Connection:** Insert the other end of the USB-C cable into the USB-C port of your target device.
4. **Verify Connection:** For data transfer, check if the device is recognized. For video, ensure the display is detected. For charging, confirm the charging indicator activates.

Universal Compatibility with USB-C Devices



USB-C



Thunderbolt 3/4/5



Smartphone



Tablet



Computer



Monitor



USB-C
Docking Station



External
Hard Drive



VR Headset



Gaming Console
(Nintendo Switch/PS5)

Image: Diagram illustrating the universal compatibility of the USB-C cable with various devices including smartphones, tablets, computers, monitors, docking stations, external hard drives, VR headsets, and gaming consoles.



Image: Close-up view of a laptop's USB-C/USB4 port, highlighting compatibility with Thunderbolt 3, 4, and 5 standards.

OPERATING INSTRUCTIONS

Data Transfer

To transfer data, connect the cable between two compatible USB-C devices, such as a laptop and an external hard drive. The cable supports data transfer rates up to 20Gbps, enabling quick transfer of large files.

Blazing-Fast 20Gbps Data Transfer

Quickly transfer large files with high-speed data rates.



Image: A laptop connected via the USB-C cable to an external hard drive, demonstrating 20Gbps data transfer capabilities.

Video Output

For video output, connect the cable from a USB-C enabled computer or tablet to a compatible USB-C monitor. The cable supports resolutions up to 8K@30Hz or 4K@120Hz, depending on the capabilities of your devices.

Stunning 8K & 4K Video Output

8K@30Hz / 4K@120Hz



Image: A laptop connected to an external monitor via the USB-C cable, displaying high-resolution content.

Power Delivery

The cable supports power delivery up to 240W. Connect your USB-C laptop, tablet, or smartphone to a compatible USB-C power adapter or docking station for fast charging.

240W Fast Power Delivery

Charges your device fast with 240W power, even when you're on the go.



Image: A laptop being charged via the USB-C cable connected to a wall adapter, illustrating 240W power delivery.

MAINTENANCE

To ensure the longevity and optimal performance of your Cable Matters USB-C cable, follow these maintenance guidelines:

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid sharp bends, kinks, or excessive pulling on the cable, especially near the connectors.
- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Do not use liquid cleaners or solvents.
- **Inspection:** Periodically inspect the cable and connectors for any signs of damage, such as fraying, cuts, or bent pins. Discontinue use if damage is observed.

TROUBLESHOOTING

If you encounter issues with your Cable Matters USB-C cable, consider the following troubleshooting steps:

- **No Data Transfer/Video/Charging:**
 - Ensure both devices are powered on and functioning correctly.

- Verify that the cable is securely connected to both ports.
 - Test the cable with another compatible device or port to rule out device-specific issues.
 - Check device settings to ensure the correct input/output is selected for video or data.
- **Intermittent Connection:**
 - Inspect the cable and connectors for physical damage.
 - Ensure the cable is not under strain or bent at sharp angles.
 - Clean the ports on your devices and the cable connectors to remove any dust or debris.
- **Slow Data Transfer/Charging:**
 - Confirm that both connected devices and the power adapter (for charging) support the advertised speeds/wattage.
 - Ensure no other high-bandwidth operations are simultaneously occurring on the connected devices.
 - Some older USB-C ports may not support the full 20Gbps data rate or 240W power delivery.

SPECIFICATIONS

| Feature | Specification |
|--------------------------|---|
| Brand | Cable Matters |
| Model Name | 201045 |
| Item Model Number | 201045-3 |
| Connector Type | USB Type C (Male-to-Male) |
| Cable Type | USB |
| Data Transfer Rate | Up to 20 Gigabits Per Second (USB 3.2 Gen 2x2) |
| Video Resolution Support | 8K@30Hz / 4K@120Hz |
| Power Delivery | Up to 240 Watts |
| Compatible Devices | Monitors, Laptops, Tablets, Smartphones, USB-C Docking Stations, External Hard Drives, VR Headsets, Gaming Consoles |
| Outer Material | Polyvinyl Chloride (PVC) |
| Color | Black |
| Product Dimensions | 4.13 x 3.74 x 0.35 inches |
| Item Weight | 1.76 ounces |

WARRANTY AND SUPPORT

Cable Matters products are designed for reliability and performance. For warranty information or technical support, please refer to the official Cable Matters website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online Support: Visit the [Cable Matters Store on Amazon](#) for product information and support resources.